

4th Fresenius Conference

Residues and Contaminants in Food

**29 to 30 March 2006
Cologne/Germany**

Highlights:

- **European Community policy** on contaminants in foodstuffs
- **PFOS and PAH** in food
- **Opinion of the EFSA** panel on non-dioxin-like PCBs and Ochratoxin A
- Integration of **dioxin-like PCBs** in the Commission Regulation setting maximum limits for dioxins
- **Migration of plasticisers** from screw caps used in oily foods
- **Measures to reduce acrylamide** in food
- **Violation** of pesticide limits
- **Measurement uncertainty** for mycotoxins and pesticides
- **Sampling** for mycotoxin analysis
- **Residue detection** using SPR biosensors
- **Drug residue** in the water cycle



Speakers:

Werner Altkofer CVUA Stuttgart • **Åke Bergman** Stockholm University • **Scarlett Biselli** Eurofins Wiertz-Eggert-Jörissen • **Giuseppe Cacciatore** Utrecht University • **Rhodri Evans** Food Standards Agency • **Alexandre Feigenbaum** French Institute for Agronomy Research • **Peter Furst** CVUA Münster • **Dietrich Gorny** Gorny Lawyers' Office • **Koni Grob** Cantonal Laboratory Zurich • **Thomas Heberer** Federal Institute for Risk Assessment • **Claudia Heppner** European Food Safety Authority • **Karl-Otto Honikel** Federal Research Centre for Nutrition and Food • **Maria Koch** Deutsche See • **Ralf Lippold** CVUA Freiburg • **Herbert Otteneder** LUA Rhineland-Palatinate • **Wieslaw Stokowski** Federal Office for Consumer Protection and Food Safety • **Dieter Schrenk** University of Kaiserslautern • **Ronald Schrödter** Intersnack • **Henk A. van der Schee** Food and Consumer Product Safety Authority • **Frans Verstraete** European Commission • and other guest speakers

**Reduced fee for national
surveillance offices**

Wednesday, 29 March 2006

8.15 Refreshments and distribution of the conference materials

9.00 Welcoming speech by

Klaus Mittendorf, Division Manager Food Manufacturing and Retailing, SGS INSTITUT FRESENIUS GmbH, Taunusstein/Germany and the Chairman,

Dieter Schrenk, Division of Food Chemistry and Environmental Toxicology, Department of Chemistry, University of Kaiserslautern/ Germany

Current Situation in Germany and Europe

9.10 European Community policy on contaminants in foodstuffs: regulatory framework, strategy, achievements, current and future topics

Frans Verstraete, Administrator, European Commission, Brussels/Belgium

Contaminants

9.40 EFSA CONTAM Panel report on non-dioxin-like PCBs in feed and foodstuffs

- What are non-dioxin-like PCBs?
- Occurrence and exposure assessment of non-dioxin-like PCBs in feed and foodstuffs
- Toxicology and risk assessment

Claudia Heppner, Coordinator Scientific panel on contaminants in the food chain (CON-TAM), European Food Safety Authority (EFSA), Parma/Italy

10.10 Integration of dioxin-like PCBs in the Commission Regulation setting maximum limits for dioxins

- Legal guidelines, analytical requirements and consequences for producers and official surveillance offices
- Role of the dioxin-like PCBs and analytic measurement possibilities
- Content in different foods

Peter Fürst, Head of the Department of Central Analysis, Chemical State and National Veterinary Examination Office (CVUA) Münster/Germany

10.30 Panel discussion

11.00 Coffee break

11.30 Perfluorooctane sulfonate (PFOS) and related perfluorinated compounds: toxicological assessment

Dieter Schrenk

11.50 Polycyclic aromatic hydrocarbons (PAH) in food

- Occurrence of PAH caused by environmental contamination and curing food
- Maximum residue limits in the EU
- Contamination in cured foods and ways of reducing PAH in cured foods

Karl-Otto Honikel, Head of the Federal Research Centre for Nutrition and Food (BFEL), Kulmbach/Germany

12.10 Panel discussion

12.30 Lunch

14.00 Safety and quality control of plastic materials intended for contact with foodstuffs

- Review on analytical strategies, requirements for safety concern, methods fulfilling these requirements

Alexandre Feigenbaum, Head of a Research Laboratory on Safety Assessment of Food Contact Material, National Institute for Research in Agronomy (INRA), Reims/France

14.20 Contamination in food from packaging materials – current example: migration of plasticisers from screw caps used in oily foods

- Has the industry been negligent in looking for alternative sealing compounds?
- Cooperation of the packaging and food industries - impossible?
- Inadequate EU regulations and/or insufficient enforcement of the regulations by the surveillance authorities?

Werner Altkofer, Head of Department, Chemical State and National Veterinary Examination Office (CVUA) Stuttgart, Fellbach/Germany

14.40 Flame retardants: Particularly DecaBDE and Hexabromocyclododecane from a risk assessment perspective

Åke Bergman, Chair of Environmental Chemistry, Stockholm University/Sweden

15.00 Sudan I to IV - Current status of the problems on analyses, toxicological assessment etc.

Rhodri Evans, Head of Food Additives, Food Standards Agency (FSA), London/UK

15.20 Panel discussion

16.00 Coffee break

Focus Mycotoxins

16.30 Consideration of the recovery rate determined during residue analysis

- Quality management with focus on mycotoxin analysis
- Ways of determining the recovery rate
- Impact on the measured results in various areas of application

Herbert Otteneeder, former Head of the Institute for Food Chemistry Trier of the State Environmental Office (LUA)/Germany

16.50 Sampling in food law, e.g. mycotoxins, importance and scope

- Sampling as a measure of food surveillance
- Sampling for mycotoxins and article 14 of the general regulations

Dietrich Gorny, Lawyer, Gorny Lawyers' Office, Frankfurt/Germany

17.10 Problems with sampling in mycotoxin analysis – EU-compliant sampling concepts as part of the industry's self-control mechanisms

- Variability of mycotoxin contamination through storage and field fungal infections
- Practical examples for the grain, dried and shell vegetable risk group
- Maximum effort and benefit

Scarlett Biselli, Head of the Department of Mycotoxin Analysis, Eurofins Analytik GmbH Wiertz-Eggert-Jörissen, Hamburg/Germany

Thursday, 30 March 2006

17.30 Panel discussion

Approx. 18.15 Summary by the Chairman and close of the first day



When the first conference day has drawn to a close, Akademie Fresenius would like to invite you to an evening in Cologne's Old Town. After a short sightseeing tour you have the opportunity of better getting to know the contacts you made during the course of the day over a relaxed meal in a traditional Kölsch brewery.

8.30 Welcoming speech by the Chairman

Michael Petz, Head of the Department of Food Chemistry, University Wuppertal/Germany

Food-borne toxicants

8.40 Measures to reduce acrylamide in food: It is time to put this into practice

- Evaluating the exposure sources
- Fresh potatoes for roast potatoes and French fries
- French fries with 50 ppb acrylamide
- Suggestions for possible measures

Koni Grob, Scientific Head of Department, Cantonal Laboratory Zurich/Switzerland

9.00 Acrylamide management - the industry's point of view

- The „Toolbox“ for reducing acrylamide in snack products
- The influence of potato type and storage
- Process control and management

Ronald Schrödter, Head of Central Quality Assurance, Intersnack Knabbergebäck GmbH, Cologne/Germany

9.20 Panel discussion

9.40 Coffee break

Pesticide residues

10.10 Measurement uncertainty and the enforcement of pesticide MRLs

Henk A. van der Schee, Senior Surveillance Officer, Food and Consumer Product Safety Authority (VWA), Amsterdam/The Netherlands

10.30 Residues of pesticides in food of plant origin in Germany

- Legal fundamentals
- Basic data
- Presentation of the current contaminant situation and violation of limits

Wieslaw Stokowski, Consultant for the Food Monitoring, Residue Control Programme and Data Registration Department of the Federal Office for Consumer Protection and Food Safety (BVL), Berlin/Germany

Drug residues

10.50 Application and limits of surface plasmon resonance (SPR) biosensors in food analysis

- SPR basics and biomolecular interaction analysis
- Areas of application in food analysis
- Matrix interferences

Giuseppe Cacciatore, University of Utrecht, Department of Veterinary Medicine, Division of Public Health and Food Safety/The Netherlands

11.10 Residue analysis of drugs: strategies for the optimisation and validation of the methods according to Commission Decision 2002/657/EC

- Development and optimisation of testing methods
- Various validation concepts
- Comparison of the results

Ralf Lippold, Head of the Department of Drug Residues, Chemical State and National Veterinary Examination Office (CVUA) Freiburg/Germany

11.30 Drug residues in the water cycle

- How drugs emerge into the water cycle
- Occurrence and behaviour
- Environmental and human risk assessment

Thomas Heberer, Assistant Head of the Division of Pesticides and Drug Residues, Federal Institute for Risk Assessment (BfR), Berlin/Germany

11.50 Imports of fish products to Europe – the industry's point of view

Maria Koch, Research and Development, Deutsche See GmbH & Co. KG, Bremerhaven/Germany

12.10 Panel discussion

13.10 Summary by the Chairman

Approx. 13.30 Lunch and close of the conference

Experts



Werner Altkofer has been Head of the Department for Consumer Goods at the CVUA Stuttgart/Germany since 2003. Before that he was Laboratory Head at various laboratories and worked for the Baden-Württemberg Ministry for Nutrition and the Rural Area in 2002.

Åke Bergman is Chair of Environmental Chemistry at the Stockholm University/Sweden. He has devoted part of his research time to the persistent brominated flame retardants.



Scarlett Biselli has been responsible for the development of new methods of analysis and has headed the Department of Mycotoxin Analysis at Eurofins Wiertz-Eggert-Jörissen, Hamburg/Germany since 2003. Prior to that she worked on national and international marine chemistry research projects.



Giuseppe Cacciatore works for the Institute of Risk Assessment Sciences, Division of Public Health and Food Safety at Utrecht University/The Netherlands. Before that he did his doctorate in veterinary drug residue analysis.

Rhodri Evans heads the work on control of food additives, flavours and enzymes, including work on illegal dyes in foods, at the FSA, London/UK.

Alexandre Feigenbaum is Head of a Research Laboratory on Safety Assessment of Food Contact Material at INRA, Reims/France, and working in migration understanding and modelling. He is also expert for the EFSA.



Peter Fürst is Head of the Department of Central Analysis at the CVUA Münster/Germany. After starting in 1981 he spent time doing research in the US and in Canada. He is member of different WHO working groups and the EU Commission on dioxin problems.



Dietrich Gorny is both lawyer and certified public accountant and has had his own practice since 1989. Prior to that he was employed in the mineral oil industry. He also held a managerial post in the confectionery business. He is the author of numerous publications.



Koni Grob is Scientific Head of the Official Food Control Authority of the Zurich Canton/Switzerland, working mainly with gas chromatography. Since 1998 he has been a consultant at DG SANCO/food contact materials.



Thomas Heberer has been Assistant Head of the Division of Pesticides and Drug Residues at the BfR, Berlin/Germany, since 2004.

Claudia Heppner has been managing the tasks and inquiries of the EFSA CONTAM Panel, Parma/Italy, since 2002.



Karl-Otto Honikel has been working for the German Federal Centre for Meat Research (BAFF) since 1972. Amongst other things he has been involved in the composition of meat and meat products, first for the BAFF and later for the BFEL, Kulmbach/Germany. In 1985 he became Head of the Department of Chemistry and Physics.

Maria Koch, who had previously been working for Quality Management, is now setting up the Research and Development Department at the Deutsche See GmbH & Co. KG., Bremerhaven/Germany. She has also been made Professor at the Bremerhaven college.

Ralf Lippold has been Head of the Department of Drug Residues at the CVUA Freiburg/Germany since 1990. Since 2003 he has also been Head of the working group on pharmacologically relevant substances at the GDCh.



Herbert Otteneeder worked in state food monitoring for 36 years including 19 years as Head of the institute in Trier. His main focus was on mycotoxins and pesticides, genetic engineering and wine.



Michael Petz has been Head of the Department of Food Chemistry at the University of Wuppertal/Germany since 1989 with his research focused on veterinary drug residues. He is Chairman of the Regional NRW Food Chemistry Society.

Dieter Schrenk has been Professor for Food Chemistry and Environmental Toxicology at the University of Kaiserslautern/Germany since 1996. After becoming a professor at the University of Jena, he took on the full professorship for food chemistry and toxicology at the University of Kaiserslautern in 2005.

(Foto bitte übernehmen)



Ronald Schrödter has been Head of Central Quality Assurance at the Intersnack GmbH, Cologne/Germany, since 2004. In 1992 he started his career at Milupa, later becoming Head of Quality Management.



Wieslaw Stokowski is a member of the Food Monitoring, Residue Control Programme and Data Registration Department at the BVL, Berlin/Germany, and also responsible for both national reporting on pesticide residues as well as reporting to the European Commission.

Henk A. van der Schee is Senior Surveillance Officer at the VWA, Amsterdam/The Netherlands.

Frans Verstraete is responsible for legislation on mycotoxins and some contaminants of industrial and environmental origin at the European Commission, Brussels/Belgium. He chairs the EU Contaminants Working Group.

Who Do You Get to Meet at the Conference?

Managing directors and general managers, specialists and executives from

- *the food industry*
- *the food trade*
- *the agrochemical industry*
- *food inspection offices*
- *the authorities*
- *surveillance bodies*
- *public, non-profit-making and private laboratories*
- *consumer organisations and trade associations*
- *research institutes*

Managers and top employees in the fields of:

- *analysis planning and implementation, including residue analysis*
- *raw material control*
- *quality assurance and control*
- *licensing*
- *research and development*
- *marketing and distribution*

Management consultants who have specialised on the above topics



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The Organisers

AKADEMIE FRESENIUS is a joint venture of the SGS INSTITUT FRESENIUS GMBH and the COGNOS AG, one of the leading private educational institutes in Germany. Akademie Fresenius organises national and international conferences and congresses on current topics from the economic and scientific sectors for both specialists and the industry. You can find details on upcoming and new events at

www.akademie-fresenius.de

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Registration for the 4th Fresenius Conference Residues and Contaminants in Food 29 to 30 March 2006 in Cologne/Germany



DIE AKADEMIE
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Participation

- Yes!** I would like to take part in the 4th Fresenius Conference on Residues and Contaminants in Food, from 29 to 30 March 2006 in Cologne/Germany. Fee: € 1,395.00 plus VAT per person. (Event number: VK 1823)

- Special rate Yes!** I am an employee of an official food surveillance office or a public further education or research institute and therefore eligible for a reduced fee of € 795.00 plus VAT per person.

I would like to take part in the evening event on 29 March 2006 (included in the above price).

- Yes No

Conference Documentation

- No!** Unfortunately, I am unable to attend. Please send me the complete conference documentation for € 250.00 plus VAT. The documents will be dispatched around two weeks after the event.

- Exhibiting and Sponsoring**

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If you have any **questions regarding the programme** please contact:

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Terms of Participation:

The conference fee amounts to € 1,395.00 plus VAT per person. Employees of official food surveillance offices or public further education or research institutes are eligible for a reduced fee of € 795.00 plus VAT. The registration fee includes complete conference documentation, lunch, coffee breaks, conference beverages as well as the evening event on 29 March 2006. You will receive immediate confirmation of your registration. Upon receipt of our invoice we would kindly ask you to transfer the amount due without further deductions before the conference begins.

Group Reductions:

For joint bookings received from one company we grant a 15 % rebate from the third participant onwards.

No-Risk Booking:

Written cancellation or transfers will be accepted free of charge up to four weeks prior to the start of the event. After this date and up to a week prior to the start of the event we will reimburse you 50 % of the registration fee. We cannot, unfortunately, provide refunds for later cancellations. Please note that you can name a substitute free of charge at any time.

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